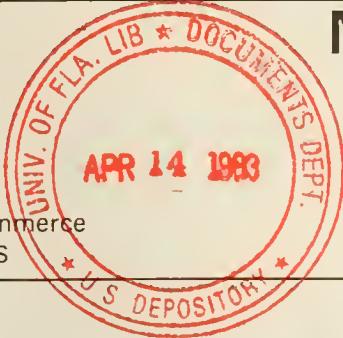




U.S. Department of Commerce
BUREAU OF THE CENSUS



Manufacturers' Shipments, Inventories, and Orders

FEBRUARY 1983

M3-1(83-2)

FOR WIRE TRANSMISSION 2:30 P.M. E.S.T. WEDNESDAY MARCH 30, 1983

(All figures in text below are in seasonally adjusted current dollars.)

New orders for manufactured goods in February declined \$3.5 billion or 2.2 percent from January to \$156.8 billion, the Department of Commerce, Bureau of the Census reported today. This decrease followed three consecutive monthly increases in the series, which had declined to a low of \$149.7 billion by last October. The February decline in new orders for durable goods of 3.2 percent resulted mostly from a decrease in orders for defense capital goods. Defense new orders in February were estimated at \$6.1 billion, down \$2.7 billion or 31 percent from January and \$5.2 billion or 46 percent from December; December and January were record high levels for defense orders. Excluding the defense category, new orders for manufactured goods in February declined 0.5 percent.

New orders for nondefense capital goods declined \$1.5 billion or 7.2 percent to \$19.0 billion in February, after remaining relatively flat since last September when they were valued at \$20.3 billion. Declines in the February new orders for most of the transportation equipment and nonelectrical machinery components of the nondefense capital goods category were only partially offset by increases in the electrical machinery components.

In contrast to the capital goods industries, new orders for noncapital durable goods items increased. The primary metals industries recorded a second large increase in new orders in as many months. New orders in February were up \$1.5 billion or 18.3 percent to \$9.8 billion and in January \$1.6 billion or 24 percent, after declining to \$6.7 billion in December. Both the steel and nonferrous metals categories have shown substantial gains.

Shipments of manufactured goods in February declined \$0.6 billion or 0.4 percent to \$156.0 billion as a decline in the nondurable goods sector was only partially offset by an increase in durable goods shipments. The decrease in the nondurable sector of \$0.8 billion or 1.0 percent was due primarily to a decline in

the petroleum industry of \$0.9 billion or 6.4 percent to \$13.8 billion. Shipments of petroleum products have declined six of the last seven months after reaching the 1982 high in July of \$17.7 billion. Shipments of durable goods in February increased \$0.1 billion or 0.2 percent to \$77.4 billion. An increase in the transportation equipment industry was offset by declines in most of the other major industry categories. Shipments of transportation equipment were up \$1.0 billion or 5.7 percent to \$18.5 billion, the highest recorded since the \$18.5 billion recorded in June 1981. Within transportation equipment category, the motor vehicle and parts industry was up \$1.0 billion or 9.7 percent to \$11.3 billion, following a 20.2 percent gain last month.

The backlog of orders held by manufacturers increased \$0.8 billion or 0.3 percent in February to \$299.0 billion. This is the third consecutive monthly increase in the backlog, with the defense capital goods category accounting for most of the gain. Excluding defense, the value of the orders backlog declined in February \$0.2 billion or 0.1 percent to \$203.3 billion.

The book value of manufacturers' inventories in February was estimated at \$261.6 billion, a 0.2 percent decline from January and the 12th consecutive monthly decrease. Inventories by stage of fabrication showed a slight change in pattern this month. Finished goods inventories increased \$0.2 billion or 0.2 percent to \$82.2 billion, the first increase since last August. Raw material inventories declined \$0.7 billion or 0.8 percent to \$86.7 billion. The raw materials category has declined 13 of the last 15 months after peaking in November 1981 at \$97.0 billion. Work in process inventories were unchanged from January. The inventory of shipments ratio in February was 1.68, up from 1.67 last month.

The advance report on durable goods for March is scheduled for release on April 21, 1983, and full report is scheduled for release on May 2, 1983.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		Monthly				Percent change			Monthly				Year to date	
		Feb. 1983 ^p	Jan. 1983 ^f	Dec. 1982	Nov. 1982	Jan.- Feb. ^p	Dec.- Jan. ^f	Nov.- Dec. ^p	Feb. 1983 ^p	Jan. 1983 ^f	Dec. 1982	Nov. 1982	1983 ^p	1982
	All manufacturing industries	155,950	156,592	152,815	152,343	-0.4	+2.5	+0.3	157,617	145,179	148,554	151,967	302,796	304,651
	Manufacturing industries with unfilled orders	80,085	80,919	79,056	78,244	-1.0	+2.4	+1.0	80,978	73,959	77,687	78,235	154,937	159,516
	Durable goods industries	77,393	77,251	73,373	72,708	+0.2	+5.3	+0.9	78,000	69,843	71,331	72,301	147,843	147,434
	With unfilled orders	62,979	63,341	61,665	61,077	-0.6	+2.7	+1.0	63,711	57,474	61,005	60,886	121,185	126,055
32	Stone, clay, and glass products	3,868	4,136	3,697	3,709	-6.5	+11.9	-0.3	3,613	3,443	3,307	3,685	7,056	6,781
322	Glass containers	400	432	398	429	-7.4	+8.5	-7.2	382	391	357	413	773	839
33	Primary metals	7,996	7,961	7,565	7,315	+0.4	+5.2	+3.4	8,399	7,643	7,052	7,041	16,042	19,680
331	Blast furnaces, steel mills	3,180	3,276	3,148	3,061	-2.9	+4.1	+2.8	3,339	3,164	3,007	2,942	6,503	9,888
333-9	Nonferrous and other primary metals	4,061	3,909	3,766	3,562	+3.9	+3.8	+5.7	4,285	3,749	3,465	3,412	8,034	8,057
34	Fabricated metal products	9,559	9,414	8,794	9,108	+1.5	+7.1	-3.4	9,501	8,516	8,306	8,928	18,017	17,888
341	Metal cans, barrels, and drums	921	924	827	899	-0.3	+11.7	-8.0	887	768	705	747	1,655	1,732
35	Machinery, except electrical	13,635	14,033	14,352	14,535	-2.8	-2.2	-1.3	13,862	12,589	15,095	14,015	26,451	31,419
351	Engines and turbines	1,013	973	966	1,004	+4.1	+0.7	-3.8	1,076	949	972	933	2,025	2,580
352	Farm machinery and equipment	789	907	955	1,093	-13.0	-5.0	-12.6	830	857	798	883	1,687	2,165
353	Construction, mining, and material handling equipment	1,910	1,944	2,355	2,487	-1.7	-17.5	-5.3	1,977	1,886	2,235	2,335	3,863	6,232
354	Metalworking machinery	650	776	695	726	-16.2	+11.7	-4.3	686	683	724	706	1,369	1,932
356	General industrial machinery	1,158	1,248	1,237	1,249	-7.2	+0.9	-1.0	1,186	1,115	1,239	1,192	2,301	2,703
357	Office and computing machines	3,638	3,515	3,740	3,383	+3.5	-6.0	+10.6	3,383	2,746	4,933	3,545	6,129	5,863
36	Electrical machinery	11,711	11,689	11,340	11,163	+0.2	+3.1	+1.6	11,943	10,839	11,226	11,281	22,782	22,099
361,2	Electrical transmission and distribution equipment and industrial apparatus	1,602	1,610	1,758	1,578	-0.5	-8.4	+11.4	1,687	1,535	1,684	1,567	3,222	3,533
363	Household appliances	1,189	1,297	1,004	1,063	-8.3	+29.2	-5.6	1,213	1,122	920	1,010	2,335	1,879
365	Radio and TV	640	679	552	528	-5.7	+23.0	+4.5	645	562	567	634	1,207	1,180
366	Communication equipment	3,859	3,810	3,826	3,660	+1.3	-0.4	+4.5	3,841	3,507	3,956	3,620	7,348	7,045
367	Electronic components	2,411	2,408	2,381	2,425	+0.1	+1.1	-1.8	2,517	2,307	2,262	2,429	4,824	4,704
37	Transportation equipment	18,545	17,552	16,051	15,088	+5.7	+9.4	+6.4	18,956	16,044	15,445	15,548	35,000	28,164
371	Motor vehicles and parts	11,343	10,338	8,601	8,082	+9.7	+20.2	+6.4	11,652	9,735	7,616	8,535	21,387	15,500
372,6	Aircraft, missiles, and parts	5,568	5,807	5,997	5,527	-4.1	-3.2	+8.5	5,686	5,036	6,364	5,589	10,722	9,472
3731,95	Shipbuilding and military tank vehicles	977	788	915	960	+24.0	-13.9	-4.7	928	728	971	947	1,656	1,686
38	Instruments and related products	3,849	3,902	3,858	3,765	-1.4	+1.1	+2.5	3,752	3,513	3,878	3,853	7,265	7,211
381-4	Scientific and engineering instruments	2,309	2,305	2,368	2,170	+0.2	-2.7	+9.1	2,295	2,173	2,390	2,160	4,468	4,417
386	Photographic goods	1,285	1,369	1,278	1,372	-6.1	+7.1	-6.9	1,204	1,143	1,301	1,465	2,347	2,387
39	All other durable goods	8,230	8,564	7,716	8,025	-3.9	+11.0	-3.9	7,974	7,256	7,022	7,950	15,230	14,192
	Nondurable goods industries	78,557	79,341	79,442	79,635	-1.0	-0.1	-0.2	79,617	75,336	77,223	79,666	154,953	157,217
	With unfilled orders	17,106	17,578	17,391	17,167	-2.7	+1.1	+1.3	17,267	16,485	16,682	17,349	33,752	33,461
20	Food and kindred products	22,919	22,766	22,277	22,339	+0.7	+2.4	-0.3	22,988	21,212	22,430	22,830	44,200	43,394
201	Meat products	5,840	6,001	6,000	5,904	-2.7	0.0	+1.6	5,875	5,863	6,132	6,045	11,738	11,438
208	Beverages	3,403	3,257	2,928	2,808	+4.5	+11.2	+4.3	3,019	2,717	2,656	2,850	5,736	5,284
207	Fats and oils	1,291	1,475	1,359	1,316	-12.5	+8.5	+3.3	1,368	1,464	1,369	1,359	2,832	2,950
203-6,9	All other foods	9,211	8,997	8,852	9,090	+2.4	+1.6	-2.6	9,552	8,269	9,188	9,336	17,821	17,631
21	Tobacco products	1,186	1,094	1,310	1,081	+8.4	-16.5	+21.2	1,116	1,041	1,341	1,103	2,157	2,152
22	Textile mill products	4,117	3,982	4,295	3,988	+3.4	-7.3	+7.7	4,100	3,621	4,012	4,035	7,721	7,688
26	Paper and allied products	6,478	6,743	6,502	6,486	-3.9	+3.7	+0.2	6,655	6,445	5,976	6,278	13,100	13,198
261-3	Pulp, paper etc.	2,789	2,779	2,603	2,698	+0.4	+6.8	-3.5	2,854	2,618	2,432	2,651	5,472	5,545
265	Paperboard containers	1,446	1,537	1,511	1,481	-5.9	+1.7	+2.0	1,491	1,447	1,356	1,446	2,938	2,971
264,6	All other paper products	2,243	2,427	2,388	2,307	-7.6	+1.6	+3.5	2,310	2,380	2,188	2,181	4,690	4,682
28	Chemicals and allied products	14,602	14,133	14,189	14,003	+3.3	-0.4	+1.3	14,903	13,675	13,556	13,163	28,578	27,729
281,6	Industrial chemicals, except pigments	4,290	4,188	4,443	4,388	+2.4	-5.7	+1.3	4,462	4,066	4,288	4,124	8,528	9,399
283,4	Drugs, soaps, and toiletries	4,247	4,184	4,132	4,159	+1.5	+1.3	-0.6	4,285	3,987	4,108	4,001	8,272	7,179
29	Petroleum and coal products	13,763	14,700	15,818	16,467	-6.4	-7.1	-3.9	14,176	14,909	16,022	16,429	29,085	33,845
30	Rubber and plastics products	3,392	3,581	3,337	3,423	-5.3	+7.3	-2.5	3,534	3,317	3,007	3,264	6,851	7,044
23,27,	All other nondurable goods	12,100	12,342	11,714	11,848	-2.0	+5.4	-1.1	12,145	11,116	10,879	12,564	23,261	22,167
31	Market categories													
	Home goods and apparel	11,286	11,217	10,313	10,636	+0.6	+8.8	-3.0	11,356	9,653	8,914	11,190	21,009	20,247
	Consumer staples	30,9-6	30,701	30,388	30,176	+0.9	+1.0	+0.7	30,842	28,461	30,492	30,834	59,303	56,791
	Equipment and defense products, except automotive													
	Automotive equipment	23,283	23,576	24,531	23,794	-1.2	-3.9	+3.1	23,268	20,982	25,963	23,248	44,250	47,291
	Construction materials, supplies and intermediate products													
	Other materials, supplies, and intermediate products	12,385	12,817	11,267	11,555	-3.4	+13.8	-2.5	11,688	10,743	10,410	11,323	22,431	20,322
	Supplementary series: ²													
	Capital goods industries	26,102	26,256	27,053	26,392	-0.6	-2.9	+2.5	26,363	23,572	28,630	26,223	49,935	53,258
	Nondefense	20,979	21,214	21,953	21,441	-1.1	-3.4	+2.4	21,296	19,032	23,241	21,283	40,328	45,327
	Defense	5,123	5,142	5,100	4,951	+1.6	-1.1	+3.0	5,067	4,540	5,389	4,940	9,607	7,931
	Household durable goods industries	4,863	4,988	4,519	4,676	-2.5	+12.9	-5.5	4,883	4,260	4,065	4,819	9,143	8,897

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹						
		Monthly				Percent change			Monthly				Year to date		
		Feb. 1983 ^p	Jan. 1983 ^r	Dec. 1982	Nov. 1982	Jan.- Feb.	Dec.- Jan.	Nov.- Dec.	Feb. 1983 ^p	Jan. 1983 ^r	Dec. 1982	Nov. 1982	1983 ^p	1982	
	All manufacturing industries	156,761	160,214	156,263	150,362	-2.2	+2.5	+3.9	159,530	152,422	153,211	148,975	311,952	307,475	
	Manufacturing industries with unfilled orders	80,896	84,541	82,504	76,263	-4.3	+2.5	+8.2	82,891	81,202	82,344	75,243	164,093	162,339	
	Durable goods industries	78,357	80,921	76,593	70,607	-3.2	+5.7	+8.5	80,043	76,814	75,718	69,430	156,857	150,404	
	With unfilled orders	63,943	67,011	64,885	58,976	-4.6	+3.3	+10.0	65,754	64,445	65,392	58,015	130,199	129,024	
32	Stone, clay, and glass products	3,861	4,108	3,650	3,715	-6.0	+12.5	-1.7	3,638	3,489	3,247	3,672	7,127	6,635	
33	Primary metals	9,757	8,246	6,655	7,466	+18.3	+23.9	-10.9	10,860	8,394	7,284	7,065	19,254	18,779	
331	Blast furnaces, steel mills	4,108	3,449	2,485	3,056	+19.1	+38.8	-18.7	4,861	3,473	3,176	2,962	8,334	9,094	
333-9	Nonferrous and other primary metals	4,882	4,018	3,546	3,729	+21.5	+13.3	-4.9	5,181	4,146	3,537	3,416	9,327	8,054	
34	Fabricated metal products	9,640	9,215	8,426	8,186	+4.6	+9.4	+2.9	9,563	8,490	8,031	7,853	18,053	17,182	
35	Machinery, except electrical	12,517	13,321	12,488	12,970	-6.0	+6.7	-3.7	13,662	12,272	13,180	12,825	25,934	30,244	
351	Engines and turbines	990	1,037	-342	910	-4.5	(n)	-137.5	1,022	1,025	-349	762	2,047	2,429	
353	Construction, mining, and material handling equipment	1,788	1,804	1,884	2,391	-0.9	-4.2	-21.2	1,962	1,794	1,873	2,160	3,756	5,584	
354	Metalworking machinery	623	601	598	587	+3.7	+0.5	+1.9	662	545	587	572	1,207	1,467	
356	General industrial machinery	1,184	1,050	1,153	1,049	+12.8	-8.9	+9.9	1,222	1,067	1,086	972	2,289	2,757	
357	Office and computing machines	2,629	3,427	4,174	2,465	-23.3	-17.9	+69.3	3,167	2,622	5,193	3,136	5,789	5,933	
36	Electrical machinery	12,195	11,986	12,473	12,193	+1.7	-3.9	+2.3	13,030	11,809	12,144	11,887	24,839	23,790	
361,2	Electrical transmission and distribution equipment and industrial apparatus	1,694	1,383	1,691	1,828	+22.5	-18.2	-7.5	1,857	1,400	1,557	1,718	3,257	3,548	
363	Household appliances	1,148	1,335	1,024	1,115	-14.0	+30.4	-8.2	1,203	1,193	947	1,022	2,396	1,909	
365	Radio and TV	713	668	570	597	+6.7	+17.2	-4.5	723	544	588	663	1,267	1,168	
366	Communication equipment	4,185	3,922	4,826	4,308	+6.7	-18.7	+12.0	4,453	4,085	4,941	4,061	8,538	8,256	
367	Electronic components	2,415	2,764	2,542	2,412	-12.6	+8.7	+5.4	2,728	2,763	2,302	2,382	5,491	5,128	
37	Transportation equipment	18,082	21,510	21,732	14,567	-15.9	-1.0	+49.2	17,279	21,337	21,416	14,731	38,616	31,896	
372,6	Aircraft, missiles, and parts	5,644	8,472	7,395	5,193	-33.4	+14.6	+42.4	4,663	8,856	8,050	4,938	13,519	12,914	
3731,95	Shipbuilding and military tank vehicles	366	1,947	5,047	942	-81.2	-61.4	+435.8	185	1,930	5,091	892	2,115	2,218	
38	Instruments and related products	3,972	3,967	3,667	3,826	+0.1	+8.2	-4.2	3,880	3,646	3,753	3,804	7,526	7,382	
24,25,	All other durable goods	8,333	8,568	7,502	7,684	-2.7	+14.2	-2.4	8,131	7,377	6,663	7,593	15,508	14,494	
39	Nondurable goods industries	78,404	79,293	79,670	79,755	-1.1	-0.5	-0.1	79,487	75,608	77,493	79,545	155,095	157,071	
	With unfilled orders	16,953	17,530	17,619	17,287	-3.3	-0.5	+1.9	17,137	16,757	16,952	17,228	33,894	33,314	
	Market categories:														
	Home goods and apparel	11,451	11,330	10,420	10,683	+1.1	+8.7	-2.5	11,600	9,855	8,872	11,100	21,455	20,289	
	Consumer staples	30,951	30,666	30,456	30,147	+0.9	+0.7	+1.0	30,808	28,551	30,514	30,787	59,359	56,877	
	Equipment and defense products, except automotive	22,010	26,460	27,776	22,888	-16.8	-4.7	+21.4	22,111	25,313	30,038	22,030	47,424	52,296	
	Automotive equipment	13,229	12,216	10,335	9,419	+8.3	+18.2	+9.7	13,466	11,498	9,126	9,818	24,964	18,000	
	Construction materials, supplies and intermediate products	12,289	12,652	10,995	10,894	-2.9	+15.1	+0.9	11,638	10,770	10,112	10,601	22,408	19,783	
	Other materials, supplies, and intermediate products	66,831	66,890	66,281	66,331	-0.1	+0.9	-0.1	69,907	66,435	64,549	64,639	136,342	140,230	
	Supplementary series: ²														
	Capital goods industries	25,147	29,348	31,463	25,264	-14.3	-6.7	+24.5	25,391	28,726	33,202	24,777	54,117	57,263	
	Nondefense	19,001	20,466	20,154	20,173	-7.2	+1.5	-0.1	19,874	19,752	21,215	19,474	39,626	43,954	
	Defense	6,146	8,882	11,309	5,691	-30.8	-21.5	+122.1	5,517	8,974	11,987	5,303	14,491	13,309	
	Household durable goods industries	4,991	5,078	4,480	4,715	-1.7	+13.3	-5.0	5,107	4,444	3,998	4,722	9,551	9,021	

^pPreliminary. ^rRevised. (n) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net dollar increase from the prior month to the current month. Using absolute values the percent increase in new orders for engines and turbines in January was 387.4 percent.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(\$ millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹				
		End of month			Percent change				End of month			Feb. 1982	
		Feb. 1983 ²	Jan. 1983 ²	Dec. 1982	Nov. 1982	Jan.- Feb.	Dec.- Jan.	Nov.- Dec.	Feb. 1983 ²	Jan. 1983 ²	Dec. 1982	Nov. 1982	
	All manufacturing industries..	299,011	298,197	294,572	291,128	+0.3	+1.2	+1.2	302,133	300,221	292,978	288,323	319,197
32	Durable goods industries.....	289,715	288,750	285,077	281,861	+0.3	+1.3	+1.1	292,769	290,726	283,757	279,370	309,365
33	Stone, clay, and glass products...	1,616	1,622	1,650	1,699	-0.4	-1.7	-2.9	1,627	1,601	1,555	1,614	1,967
331	Primary metals.....	22,453	20,692	20,408	21,318	+8.5	+1.4	-4.3	23,537	21,075	20,325	20,092	25,608
333-9	Blast furnaces, steel mills....	13,256	12,328	12,155	12,818	+7.5	+1.4	-5.2	13,998	12,476	12,167	11,997	15,320
	Nonferrous and other primary metals.....	6,982	6,161	6,053	6,273	+13.3	+1.8	-3.5	7,255	6,359	5,962	5,890	7,189
34	Fabricated metal products.....	22,118	22,038	22,238	22,605	+0.4	-0.9	-1.6	22,070	22,008	22,034	22,310	28,270
35	Machinery, except electrical.....	52,795	53,913	54,627	56,491	-2.1	-1.3	-3.3	53,555	53,760	54,074	55,990	70,711
351	Engines and turbines.....	13,970	13,993	13,930	15,238	-0.2	+0.5	-8.6	14,021	14,076	13,999	15,322	16,351
353	Construction, mining, and material handling equipment....	5,073	5,195	5,335	5,806	-2.3	-2.6	-8.1	5,175	5,190	5,282	5,644	10,063
354	Metalworking machinery.....	2,209	2,235	2,410	2,506	-1.2	-7.3	-3.8	2,211	2,235	2,374	2,511	4,332
356	General industrial machinery....	4,886	4,860	5,058	5,142	+0.5	-3.9	-1.6	4,915	4,880	4,927	5,080	6,675
357	Office and computing machines...	17,398	18,408	18,497	18,063	-5.5	-0.5	+2.4	17,694	17,911	18,034	17,774	20,627
36	Electrical machinery.....	58,490	58,007	57,710	56,577	+0.8	+0.5	+2.0	59,045	57,957	56,988	56,070	52,922
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	7,474	7,383	7,609	7,676	+1.2	-3.0	-0.9	7,475	7,305	7,440	7,567	8,526
363	Household appliances.....	370	411	373	353	-10.0	+10.2	+5.7	385	395	323	297	318
365	Radio and TV.....	390	316	327	309	+23.4	-3.4	+5.8	370	291	310	288	320
366	Communication equipment.....	36,932	36,606	36,495	35,494	+0.9	+0.3	+2.8	37,538	36,925	36,348	35,363	30,796
367	Electronic components.....	12,194	12,191	11,835	11,674	0.0	+3.0	+1.4	12,182	11,971	11,516	11,476	11,846
37	Transportation equipment.....	121,266	121,727	117,765	112,086	-0.4	+3.4	+5.1	122,071	123,741	118,455	112,484	117,959
372,6	Aircraft, missiles, and parts...	93,163	93,087	90,419	89,021	+0.1	+3.0	+1.6	93,797	94,411	90,999	89,312	91,131
3731,95	Shipbuilding and military tank vehicles.....	22,380	22,991	21,831	17,700	-2.7	+5.3	+23.3	22,366	23,111	21,908	17,788	19,976
38	Instruments and related products..	7,165	7,042	6,976	7,168	+1.7	+0.9	-2.7	7,157	7,111	6,897	7,023	7,283
39	All other durable goods.....	3,812	3,709	3,703	3,917	+2.8	+0.2	-5.5	3,707	3,741	3,429	3,787	4,643
	Nondurable goods industries.....	9,296	9,447	9,495	9,267	-1.6	-0.5	+2.5	9,364	9,441	9,221	8,953	9,832
	Market categories:												
	Home goods and apparel.....	3,126	2,960	2,847	2,741	+5.6	+4.0	+3.9	2,979	2,731	2,533	2,576	3,023
	Consumer staples.....	740	756	790	721	-2.1	-4.3	+9.6	785	841	730	708	816
	Equipment and defense products, except automotive.....	178,049	179,321	176,435	173,191	-0.7	+1.6	+1.9	179,733	184,933	176,562	172,487	186,182
	Automotive equipment.....	5,362	5,266	5,098	4,874	+1.8	+3.3	+4.6	5,544	5,429	5,133	4,893	6,052
	Construction materials, supplies and intermediate products.....	12,984	13,079	13,244	13,517	-0.7	-1.2	-2.0	12,947	12,499	12,970	13,267	16,102
	Other materials, supplies, and intermediate products	98,750	96,815	96,158	96,084	+2.0	+0.7	+0.1	100,145	97,348	95,050	94,392	107,022
	Supplementary series: ²												
	Capital goods industries.....	215,863	216,818	213,724	209,314	-0.4	+1.4	+2.1	217,716	213,511	213,535	208,964	224,074
	Nondefense.....	120,197	122,175	122,924	124,721	-1.6	-0.6	-1.4	120,997	122,424	121,700	123,726	143,859
	Defense.....	95,666	94,643	90,800	84,593	+1.1	+4.2	+7.3	96,719	90,577	91,835	85,238	80,215
	Household durable goods industries.....	2,755	2,627	2,536	2,475	+4.9	+3.6	+2.5	2,649	2,425	2,241	2,308	2,742

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(\$ millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					Feb. 1982	
		End of month				Percent change			End of month						
		Feb. 1983 ^p	Jan. 1983 ^r	Dec. 1982	Nov. 1982	Jan.- Feb. -P	Dec.- Jan. -R	Nov.- Dec. -D	Feb. 1983 ^p	Jan. 1983 ^r	Dec. 1982	Nov. 1982			
	All manufacturing industries..	261,643	262,124	265,212	269,297	-0.2	-1.2	-1.5	263,340	262,741	262,303	266,658	283,594		
	Manufacturing industries with unfilled orders.....	180,307	181,068	183,985	186,465	-0.4	-1.6	-1.3	181,140	180,375	180,903	183,869	194,620		
	Durable goods industries.....	173,537	174,005	176,975	179,324	-0.3	-1.7	-1.3	174,996	173,886	174,239	177,112	188,756		
32	With unfilled orders.....	159,753	160,309	163,217	165,436	-0.3	-1.8	-1.3	160,731	160,017	160,721	163,512	173,046		
322	Stone, clay, and glass products.....	6,051	5,983	6,287	6,361	+1.1	-4.8	-1.2	6,232	5,994	6,102	6,044	6,832		
33	Glass containers.....	684	685	695	690	-0.1	-1.4	+0.7	693	665	663	676	681		
331	Primary metals.....	21,172	21,289	21,902	23,107	-0.5	-2.8	-5.2	21,432	21,672	22,059	22,820	26,398		
333-9	Blast furnaces, steel mills.....	10,065	10,139	10,706	11,465	-0.7	-5.3	-6.6	10,206	10,453	10,995	11,419	13,314		
	Nonferrous and other primary metals.....	9,854	9,897	9,919	10,285	-0.4	-0.2	-3.6	9,953	9,976	9,830	10,100	11,470		
34	Fabricated metal products.....	17,199	17,292	17,562	18,085	-0.5	-1.5	-2.9	17,359	17,204	17,192	17,565	20,327		
341	Metal cans, barrels, and drums.....	1,515	1,483	1,338	1,469	+2.2	+10.8	-8.9	1,561	1,461	1,194	1,256	1,544		
35	Machinery, except electrical.....	40,311	40,418	40,983	41,923	-0.3	-1.4	-2.2	40,521	40,406	40,526	41,554	44,709		
351	Engines and turbines.....	2,202	2,233	2,274	2,288	-1.4	-1.8	-0.6	2,230	2,254	2,278	2,302	2,636		
352	Farm machinery and equipment.....	2,001	2,029	2,130	2,248	-1.4	-4.7	-5.2	2,109	2,047	2,128	2,095	3,003		
353	Construction, mining, and material handling equipment.....	9,508	9,585	9,853	10,139	-0.8	-2.7	-2.8	9,593	9,643	9,794	10,078	10,892		
354	Metalworking machinery.....	2,030	2,088	2,118	2,224	-2.8	-1.4	-4.8	2,038	2,084	2,093	2,215	2,652		
356	General industrial machinery.....	3,933	3,962	4,037	3,998	-0.7	-1.9	+1.0	3,980	4,014	3,976	3,934	4,164		
357	Office and computing machines.....	10,209	10,000	9,866	9,958	+2.1	+1.4	-0.9	10,107	9,880	9,738	10,008	9,535		
36	Electrical machinery.....	25,876	26,024	26,308	26,745	-0.6	-1.1	-1.6	25,810	25,705	25,638	26,230	27,622		
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	3,971	3,999	4,088	4,188	-0.7	-2.2	-2.4	3,969	3,962	4,029	4,132	4,470		
363	Household appliances.....	1,848	1,803	1,751	1,795	+2.5	+2.4	-1.9	1,865	1,776	1,682	1,673	1,941		
365	Radio and TV.....	1,344	1,356	1,422	1,551	-0.9	-4.6	-8.3	1,313	1,303	1,361	1,479	1,786		
366	Communication equipment.....	9,346	9,309	9,373	9,446	+0.4	-0.7	-0.8	9,334	9,279	9,168	9,443	9,415		
367	Electronic components.....	5,402	5,571	5,641	5,649	-3.0	-1.2	-0.1	5,396	5,487	5,556	5,514	5,665		
37	Transportation equipment.....	40,402	40,514	41,162	40,052	-0.3	-1.6	+2.8	40,885	40,439	40,504	40,339	38,653		
371	Motor vehicles and parts.....	8,306	8,175	8,578	8,096	+1.6	-4.7	+6.0	8,500	8,316	8,329	8,327	9,000		
372,6	Aircraft, missiles, and parts.....	28,866	29,025	29,242	28,759	-0.5	-0.7	+1.7	29,102	28,786	28,839	28,765	25,574		
3731,95	Shipbuilding and military tank vehicles.....	1,582	1,569	1,501	1,402	+0.8	+4.5	+7.1	1,536	1,517	1,444	1,455	2,032		
38	Instruments and related products.....	8,726	8,882	9,148	9,289	-1.8	-2.9	-1.5	8,725	8,838	8,856	9,081	9,510		
381-4	Scientific and engineering instruments.....	6,391	6,439	6,552	6,629	-0.7	-1.7	-1.2	6,404	6,439	6,428	6,530	6,492		
386	Photographic goods.....	1,912	1,978	2,115	2,197	-3.3	-6.5	-3.7	1,899	1,944	1,963	2,098	2,497		
24,25, 39	All other durable goods.....	13,800	13,603	13,623	13,762	+1.4	-0.1	-1.0	14,032	13,628	13,362	13,479	14,706		
	Nondurable goods industries.....	88,106	88,119	88,237	89,973	0.0	-0.1	-1.9	88,344	88,855	88,064	89,546	94,838		
20	With unfilled orders.....	20,554	20,759	20,768	21,029	-1.0	0.0	-1.2	20,409	20,358	20,182	20,357	21,574		
201	Food and kindred products.....	19,739	19,849	19,631	19,944	-0.6	+1.1	-1.6	19,916	20,456	20,324	21,130	20,674		
208	Meat products.....	1,807	1,804	1,703	1,782	+0.2	+5.9	-4.4	1,838	1,820	1,696	1,858	1,865		
207	Beverages.....	3,533	3,484	3,425	3,423	+1.4	+1.7	+0.1	3,621	3,540	3,473	3,423	3,740		
203-6,9	Fats and oils.....	1,279	1,254	1,238	1,221	+2.0	+1.3	+1.4	1,427	1,380	1,415	1,482	1,493		
21	All other foods.....	11,411	11,620	11,615	11,879	-1.8	0.0	-2.2	11,377	12,062	12,149	12,770	11,862		
22	Tobacco products.....	4,589	4,581	4,433	4,456	+0.2	+3.3	-0.5	4,874	4,910	4,708	4,537	4,796		
26	Textile mill products.....	6,270	6,246	6,304	6,386	+0.4	-0.9	-1.3	6,432	6,295	6,136	6,128	6,883		
261-3	Paper and allied products.....	8,683	8,731	8,808	8,880	-0.5	-0.9	-0.8	8,619	8,587	8,648	8,718	8,785		
265	Pulp, paper etc.	3,604	3,644	3,613	3,643	-1.1	+0.9	-0.8	3,574	3,583	3,597	3,610	3,504		
264,6	Paperboard containers.....	2,210	2,248	2,368	2,315	-1.7	-5.1	+2.3	2,195	2,223	2,283	2,253	2,276		
28	All other paper products.....	2,869	2,839	2,827	2,922	+1.1	+0.4	-3.3	2,850	2,781	2,768	2,855	3,005		
281,6	Chemicals and allied products.....	19,211	19,261	19,610	20,065	-0.3	-1.8	-2.3	19,570	19,531	19,590	19,794	21,846		
283,4	Industrial chemicals, except pigments	5,674	5,715	5,808	6,103	-0.7	-1.6	-4.8	5,764	5,846	5,767	6,036	6,862		
29	Drugs, soaps, and toiletries	6,233	6,195	6,201	6,367	+0.6	-0.1	-2.6	6,158	6,114	6,151	6,335	6,634		
30	Petroleum and coal products	9,788	9,470	9,217	9,764	+3.4	+2.7	-5.6	9,399	9,510	9,239	9,935	10,196		
30	Rubber and plastics products.....	5,402	5,456	5,584	5,688	-1.0	-2.3	-1.8	5,486	5,536	5,529	5,453	6,268		
31	All other nondurable goods.....	14,424	14,525	14,650	14,790	-0.7	-0.9	-0.9	14,048	14,030	13,890	13,851	15,391		
	Market categories:														
	Home goods and apparel.....	20,677	20,556	20,842	21,071	+0.6	-1.4	-1.1	20,521	20,162	19,922	19,873	22,447		
	Consumer staples.....	32,330	32,442	32,129	32,638	-0.3	+1.0	-1.6	32,504	33,079	32,757	33,491	33,808		
	Equipment and defense products, except automotive.....	75,005	75,460	76,315	76,653	-0.6	-1.1	-0.4	75,431	75,226	75,325	76,296	77,207		
	Automotive equipment.....	10,616	10,582	11,038	10,500	+0.3	-4.1	+5.1	10,947	10,806	10,820	10,673	11,724		
	Construction materials, supplies and intermediate products.....	19,029	18,973	19,568	19,909	+0.3	-3.0	-1.7	19,496	19,008	19,165	19,215	21,864		
	Other materials, supplies, and intermediate products	103,986	104,111	105,320	108,526	-0.1	-1.1	-3.0	104,441	104,460	104,314	107,110	116,544		
	Supplementary series: ²														
	Capital goods industries.....	85,577	85,775	86,565	87,018	-0.2	-0.9	-0.5	85,834	85,326	85,187	86,678	87,226		
	Nondefense.....	69,154	69,355	70,735	71,667	-0.3	-2.0	-1.3	69,480	69,143	69,625	71,403	73,692		
	Defense.....	16,423	16,420	15,830	15,351	0.0	+3.7	+3.1	16,354	16,183	15,562	15,275	13,533		
	Household durable goods industries.....	10,168	10,100	10,133	10,302	+0.7	-0.3	-1.6	10,179	9,935	9,787	9,902	11,121		

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		End of month				Percent change			End of month				Feb. 1982	
		Feb. 1983 ^p	Jan. 1983 ^r	Dec. 1982	Nov. 1982	Jan.- Feb. ^p	Dec.- Jan. ^r	Nov.- Dec.	Feb. 1983 ^p	Jan. 1983 ^r	Dec. 1982	Nov. 1982		
MATERIALS AND SUPPLIES														
	All manufacturing industries..	86,741	97,398	88,319	89,307	-0.8	-1.0	-1.1	86,994	87,820	88,541	88,617	96,144	
32	Durable goods industries.....	51,411	51,746	52,886	53,493	-0.6	-2.2	-1.1	51,423	51,799	52,715	53,192	58,034	
	Stone, clay, and glass products...	2,065	2,032	2,105	2,162	+1.6	-3.5	-2.6	2,061	2,057	2,135	2,116	2,365	
33	Primary metals	7,204	7,380	7,489	7,799	-2.4	-4.0	-1.4	7,243	7,571	7,906	7,893	8,762	
34	Fabricated metal products.....	6,698	6,739	6,766	6,932	-0.6	-0.4	-2.4	6,662	6,708	6,705	6,728	7,517	
35	Machinery, except electrical.....	10,423	10,553	10,605	10,859	-1.2	-0.5	-2.3	10,358	10,495	10,613	10,837	11,989	
36	Electrical Machinery.....	7,231	7,288	7,375	7,586	-0.8	-1.2	-2.8	7,167	7,221	7,220	7,323	7,990	
37	Transportation equipment.....	10,097	9,955	10,464	10,158	+1.4	-4.9	+3.0	10,214	9,933	10,262	10,269	10,533	
38	Instruments and related products..	2,474	2,578	2,679	2,688	-4.0	-3.8	-0.3	2,472	2,570	2,667	2,665	3,023	
24,25, 39	All other durable goods.....	5,219	5,221	5,203	5,309	0.0	+0.3	-2.0	5,246	5,244	5,207	5,361	5,855	
20	Nondurable goods industries.....	35,330	35,652	35,433	35,814	-0.9	+0.6	-1.1	35,571	36,021	35,826	35,425	38,110	
	Food and kindred products.....	7,194	7,300	7,063	7,200	-1.5	+3.4	-1.9	7,407	7,586	7,416	7,515	7,552	
21	Tobacco products.....	4,114	4,160	4,099	4,090	-1.1	+1.5	+0.2	4,420	4,496	4,392	4,093	4,388	
22	Textile mill products.....	1,770	1,816	1,860	1,919	-2.5	-2.4	-3.1	1,826	1,859	1,819	1,777	2,048	
26	Paper and allied products.....	4,414	4,484	4,489	4,443	-1.6	-0.1	+1.0	4,351	4,401	4,497	4,361	4,533	
28	Chemicals and allied products.....	7,565	7,671	7,642	7,753	-1.4	+0.4	-1.4	7,572	7,685	7,674	7,584	8,308	
29	Petroleum and coal products.....	2,642	2,549	2,418	2,490	+3.6	+5.4	-2.9	2,510	2,472	2,326	2,523	2,510	
30	Rubber and plastics products.....	1,909	1,889	1,996	1,987	+1.1	-5.4	+0.5	1,861	1,898	1,994	1,909	2,240	
23,27, 31	All other nondurable goods.....	5,722	5,783	5,866	5,932	-1.1	-1.4	-1.1	5,624	5,624	5,708	5,663	6,531	
WORK IN PROCESS														
	All manufacturing industries..	92,725	92,734	93,370	94,579	0.0	-0.7	-1.3	93,271	92,550	91,688	94,006	98,484	
32	Durable goods industries.....	78,051	78,320	79,022	79,785	-0.3	-0.9	-1.0	78,697	78,208	77,601	79,288	82,791	
	Stone, clay, and glass products...	868	871	984	984	-0.3	-11.5	0.0	907	863	899	904	1,044	
33	Primary metals	8,473	8,491	8,613	9,390	-0.2	-1.4	-8.3	8,493	8,559	8,529	9,156	10,905	
34	Fabricated metal products.....	6,115	6,140	6,215	6,381	-0.4	-1.2	-2.6	6,191	6,056	5,971	6,181	7,416	
35	Machinery, except electrical.....	16,705	16,473	16,701	17,038	+1.4	-1.4	-2.0	16,865	16,646	16,513	17,057	18,800	
36	Electrical Machinery.....	13,287	13,347	13,462	13,464	-0.4	-0.9	0.0	13,289	13,198	13,139	13,387	13,737	
37	Transportation equipment.....	25,638	26,063	26,075	25,398	-1.6	0.0	+2.7	25,959	25,953	25,727	25,574	23,507	
38	Instruments and related products..	3,890	3,911	3,987	4,085	-0.5	-1.9	-2.4	3,898	3,906	3,851	4,020	4,167	
24,25, 39	All other durable goods.....	3,075	3,024	2,985	3,045	+1.7	+1.3	-2.0	3,095	3,027	2,972	3,009	3,215	
20	Nondurable goods industries.....	14,674	14,414	14,348	14,794	+1.8	+0.5	-3.0	14,574	14,342	14,087	14,718	15,693	
	Food and kindred products.....	1,774	1,765	1,779	1,741	+0.5	-0.8	+2.2	1,784	1,783	1,816	1,791	2,009	
21	Tobacco products.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	
22	Textile mill products.....	2,011	1,987	1,993	1,971	+1.2	-0.3	+1.1	2,050	2,008	1,955	1,953	2,180	
26	Paper and allied products.....	1,011	1,005	1,005	1,013	+0.6	0.0	-0.8	1,004	978	957	1,004	947	
28	Chemicals and allied products.....	3,308	3,158	3,185	3,420	+4.7	-0.8	-6.9	3,327	3,154	3,176	3,362	3,460	
30	Petroleum and coal products.....	2,291	2,261	2,230	2,347	+1.3	+1.4	-5.0	2,239	2,232	2,207	2,392	2,756	
31	Rubber and plastics products.....	1,059	1,085	1,103	1,145	-2.4	-1.6	-3.7	1,070	1,125	1,108	1,147	1,196	
23,27, 31	All other nondurable goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	
FINISHED GOODS														
	All manufacturing industries..	82,177	81,992	83,523	85,411	+0.2	-1.8	-2.2	83,075	82,371	82,074	84,035	88,968	
32	Durable goods industries.....	44,075	43,939	45,067	46,046	+0.3	-2.5	-2.1	44,876	43,879	43,923	44,632	47,932	
	Stone, clay, and glass products...	3,118	3,080	3,198	3,215	+1.2	-3.7	-0.5	3,264	3,074	3,068	3,024	3,423	
33	Primary metals	5,495	5,418	5,600	5,918	+1.4	-3.3	-5.4	5,896	5,542	5,624	5,771	6,731	
34	Fabricated metal products.....	4,386	4,413	4,581	4,772	-0.6	-3.7	-4.0	4,506	4,440	4,516	4,656	5,394	
35	Machinery, except electrical.....	13,183	13,392	13,677	14,026	-1.6	-2.1	-2.5	13,298	13,265	13,400	13,600	13,920	
36	Electrical Machinery.....	5,358	5,389	5,471	5,695	-0.6	-1.5	-3.9	5,354	5,286	5,279	5,520	5,895	
37	Transportation equipment.....	4,667	4,406	4,623	4,496	+3.8	-2.7	+2.8	4,712	4,553	4,515	4,496	4,613	
38	Instruments and related products..	2,362	2,393	2,482	2,516	-1.3	-3.6	-1.4	2,355	2,362	2,338	2,396	2,320	
24,25, 39	All other durable goods.....	5,506	5,358	5,435	5,408	+2.8	-1.4	+0.5	5,691	5,357	5,183	5,109	5,636	
20	Nondurable goods industries.....	38,002	38,053	38,456	39,365	+0.1	-1.0	-2.3	38,199	38,492	38,151	39,403	41,036	
	Food and kindred products.....	10,771	10,784	10,789	11,003	-0.1	0.0	-1.9	10,725	11,087	11,092	11,824	11,113	
21	Tobacco products.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	
22	Textile mill products.....	2,489	2,443	2,451	2,496	+1.9	-0.3	-1.8	2,556	2,428	2,362	2,398	2,655	
26	Paper and allied products.....	3,258	3,242	3,314	3,424	+0.5	-2.2	-3.2	3,264	3,208	3,194	3,353	3,305	
28	Chemicals and allied products.....	8,338	8,432	8,783	8,892	-1.1	-4.0	-1.2	8,671	8,692	8,740	8,848	10,078	
29	Petroleum and coal products.....	4,955	4,660	4,569	4,927	+4.2	+2.0	-7.3	4,650	4,806	4,706	5,020	4,930	
30	Rubber and plastics products.....	2,434	2,482	2,485	2,556	-1.9	-0.1	-2.8	2,555	2,513	2,427	2,397	2,832	
23,27, 31	All other nondurable goods.....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	

^pPreliminary.^rRevised.

(S) Suppressed because data do not meet Census Bureau publication standards.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio ¹			
		Feb. 1983 ^p	Jan. 1983 ^r	Dec. 1982	Nov. 1982	Feb. 1983 ^p	Jan. 1983 ^r	Dec. 1982	Nov. 1982
	All manufacturing industries.....	1.68	1.67	1.74	1.77	3.73	3.69	3.73	3.72
	Durable goods industries.....	2.24	2.25	2.41	2.47	4.60	4.56	4.62	4.61
32	Stone, clay, and glass products.....	1.56	1.45	1.70	1.72	0.47	0.44	0.50	0.52
33	Primary metals.....	2.65	2.67	2.90	3.16	2.81	2.60	2.70	2.91
34	Fabricated metal products.....	1.80	1.84	2.00	1.99	2.56	2.60	2.79	2.75
35	Machinery, except electrical.....	2.96	2.88	2.86	2.88	4.11	4.11	4.08	4.20
36	Electrical machinery.....	2.21	2.23	2.32	2.40	4.99	4.96	5.09	5.07
37	Transportation equipment.....	2.18	2.31	2.56	2.65	11.60	11.83	11.50	11.55
38	Instruments and related products.....	2.27	2.28	2.37	2.47	1.86	1.80	1.81	1.90
	Nondurable goods industries.....	1.12	1.11	1.11	1.13	0.54	0.54	0.55	0.54
20	Food and kindred products.....	0.86	0.87	0.88	0.89	(X)	(X)	(X)	(X)
21	Tobacco products.....	3.87	4.19	3.38	4.12	(X)	(X)	(X)	(X)
22	Textile mill products.....	1.52	1.57	1.47	1.60	1.34	1.37	1.21	1.32
26	Paper and allied products.....	1.34	1.29	1.35	1.37	0.50	0.51	0.56	0.54
28	Chemicals and allied products.....	1.32	1.36	1.38	1.43	(X)	(X)	(X)	(X)
29	Petroleum and coal products.....	0.71	0.64	0.58	0.59	(X)	(X)	(X)	(X)
30	Rubber and plastics products.....	1.64	1.52	1.67	1.66	(X)	(X)	(X)	(X)

^pPreliminary. ^rRevised. (X) Not applicable.

¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago	All Feb. 1982	Feb. 1982- Jan. 1983	Year ago	All Feb. 1982	Feb. 1982- Jan. 1983	Year ago	All Feb. 1982	Feb. 1982- Jan. 1983	Year ago	All Feb. 1982	Feb. 1982- Jan. 1983
		1982	1982	1983	1982	1982	1983	1982	1982	1983	1982	1982	1983
	All manufacturing industries.....	0.1	0.1	0.3	0.4	0.4	0.3	0.0	0.2	0.3	0.2	0.1	0.1
	Durable goods industries.....	0.2	0.4	0.4	0.8	1.7	0.7	0.0	0.1	0.2	0.1	0.1	0.1
32	Stone, clay, and glass products.....	0.1	0.5	1.4	1.7	1.0	1.5	1.3	0.7	1.5	0.8	1.3	0.8
33	Primary metals.....	0.1	0.9	0.4	0.0	0.7	0.8	0.0	0.1	0.2	0.3	0.3	0.3
34	Fabricated metal products.....	0.7	0.7	1.0	2.4	1.3	1.7	0.1	0.2	0.5	0.2	0.4	0.2
35	Machinery, except electrical	2.5	1.1	0.9	6.5	2.6	3.1	0.2	0.3	0.6	0.2	0.3	0.2
36	Electrical machinery	0.2	0.7	0.5	0.1	1.2	0.6	0.0	0.1	0.2	0.3	0.3	0.3
37	Transportation equipment	0.5	0.3	0.9	6.3	2.1	1.8	0.1	0.2	0.1	0.1	0.4	0.2
38	Instruments and related products.....	4.8	1.5	1.5	4.4	1.5	1.9	0.2	0.2	9.0	1.2	0.8	0.7
	Nondurable goods industries	0.1	0.4	0.4	0.1	0.4	0.4	1.3	0.8	0.9	0.2	0.2	0.3
20	Food and kindred products	0.2	0.5	0.8	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.7	0.7
21	Tobacco products	0.0	1.9	0.2	(X)	(X)	(X)	(X)	(X)	(X)	0.0	1.3	0.0
22	Textile mill products	0.5	0.5	1.5	0.6	0.8	1.4	0.8	0.7	1.1	0.8	0.5	0.6
26	Paper and allied products	0.3	0.8	1.2	3.4	1.5	2.1	5.6	2.0	2.2	1.2	0.4	0.4
28	Chemicals and allied products	0.6	1.3	1.1	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.5	0.5
29	Petroleum and coal products	0.4	0.8	0.7	(X)	(X)	(X)	(X)	(X)	(X)	0.4	0.9	1.3
30	Rubber and plastics products	5.5	2.6	1.6	(X)	(X)	(X)	(X)	(X)	(X)	2.2	0.8	1.0
	Capital Goods Industries:												
	Nondefense.....	2.0	0.8	1.0	3.8	1.6	1.9	0.2	0.7	0.5	0.1	0.2	0.2
	Defense.....	3.4	1.4	0.9	15.8	5.9	4.9	0.4	0.4	0.3	0.2	0.7	0.4

(X) Not Applicable

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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